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November 23, 2005

REPLY TO OFFICE ACTION OF 10/06/05	Patent Application No 10/707,788	Applicant SHUSTOV, VALENTIN	
	Examiner Phi D. A	Art Unit 3637	

Claim Rejections – 35 USC §112

Thank you for your remarks concerning requirements of 35 USC §112. I changed the "Claim" section. Now, it should be read as follows:

Claim

What is claimed:

1. Structural elements installed on a building footing to underpin a building superstructure and to shield it against horizontal impacts of a strong earthquake; each such element called *earthquake protector* comprising the following components:
   - three properly configured race pads mounted upright one over another with the lower pad resting on the building footing and the upper pad facing the above-located building superstructure;
   - two circular-cylinder-shaped segmented slide tracks configured by and located between top and bottom surfaces of adjacent race pads; each of the slide tracks containing plurality of freely revolving parallel cylindrical rollers with their axes of rotational sliding being set horizontal and mutually orthogonal; each of the slide tracks having convexities of its sliding surfaces looking down;
   - a column stab resting upon a self-lubricating spherical bearing mounted centrically on the upper pad; the top end of the column stab being framed rigidly into the supported building superstructure.

Specification

I also changed the "Abstract of Disclosure" section. Now, it should be read as follows:

Abstract of Disclosure

A system of structural elements called *earthquake protectors* is resting on a building footing and underpinning a building superstructure. It is intended to shield the building superstructure against lateral impacts of strong earthquakes. Each *earthquake protector* comprises: three properly configured race pads mounted one over another with the lower pad resting on the footing; two circular-cylinder-shaped segmented slide tracks which are sagged down, located between adjacent race pads and containing freely revolving parallel cylindrical rollers with their axes of rotational sliding being set horizontal and mutually orthogonal; a column stab resting upon a self-lubricating spherical bearing mounted centrically on the upper pad with the top end of the column stab being framed rigidly into the supported building superstructure. After the earthquake intensity exceeds a certain threshold, *earthquake protectors* permit mutually quasi-independent excursions of the